NIST Image Group Open Source
(NIGOS)
August 20, 2006

FAQ

1. Why can't I connect to NIGOS?

   One possible cause may be due to your firewall settings, where outgoing connections from the client are blocked at the client's end by a firewall. In this case, there is nothing NIST can do to remedy this situation. The simplest solution is to work with your firewall administrator to add a rule to the firewall to allow outgoing connections to `nigos.hist.gov, port 1666.`

   An alternative is to create an SSH tunnel using a host that is outside your firewall, and therefore, is not blocked from creating a connection to `nigos.nist.gov:1666`. This will still require the SSH port (usually port 22) to be open through your firewall. You will need to have login authority on the outside host, and an SSH client on your development machine.

   Setting up an SSH tunnel is demonstrated in the following example. In this example, the SSH host is named `ssh.somecompany.com`, and the user's development machine is `myclient.somecompany.com`. Using the OpenSSH software as an example, the user would create the tunnel in this manner:

   ```
   ssh -f -N -L4666:nigos.nist.gov:1666 ssh.somecompany.com
   ```

   entering their password for `ssh.somecompany.com`.

   Next, set the Perforce port to the local end of the ssh tunnel:
   ```
   export P4PORT=4666
   ```

   Perforce clients will now be able to communication with the NIST Perforce server.